

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pTT3 Unc5B-FLAG

RRID:Addgene_72195

Type: Plasmid

Proper Citation

RRID:Addgene_72195

Plasmid Information

URL: <http://www.addgene.org/72195>

Proper Citation: RRID:Addgene_72195

Insert Name: Unc5b

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26633812](#)

Vector Backbone Description: Backbone Marker:Yves Durocher, National Research Council of Canada-Biotechnology Research Institute; Vector Backbone:pTT3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pTT3 Unc5B-FLAG

Record Creation Time: 20220422T222444+0000

Record Last Update: 20260815T081917+0000

Ratings and Alerts

No rating or validation information has been found for pTT3 Unc5B-FLAG.

No alerts have been found for pTT3 Unc5B-FLAG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Sugimoto K, et al. (2025) UNC5B is an isoform-dependent target for ectodomain shedding. *Journal of biochemistry*, 178(4), 267.

Anitei M, et al. (2024) IER3IP1-mutations cause microcephaly by selective inhibition of ER-Golgi transport. *Cellular and molecular life sciences : CMLS*, 81(1), 334.

Wang J, et al. (2021) RTN4/NoGo-receptor binding to BAI adhesion-GPCRs regulates neuronal development. *Cell*, 184(24), 5869.

Chen G, et al. (2021) Netrin-1 receptor UNC5C cleavage by active α -secretase enhances neurodegeneration, promoting Alzheimer's disease pathologies. *Science advances*, 7(16).

Wang B, et al. (2019) Lack of Myosin X Enhances Osteoclastogenesis and Increases Cell Surface Unc5b in Osteoclast-Lineage Cells. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*, 34(5), 939.